

TT
850
C96
CHM





CUM

Scandinavian Handweaving and Rya

The front cover shows a reconstruction of a prehistoric loom. It is an upright type, the warp being tensioned by weights of fired clay or stone. The incline of the loom was used to produce the lease. In addition to simple linen patterns (two-harness), such a loom was capable of producing more sophisticated of the four-harness type, e.g. twills.

Perhaps the earliest Danish sample of four-harnesstwill is the Huldremose find for which the pattern is described in this latest CUM weaving book.

All designs shown in this book have been exhibited in "Charlottenborg" art gallery, Copenhagen, and at the "HGA Convergence 74" in San Francisco.

Layout: Bent Thaisen
Composition: Miniprint
Print: Bondes offset
Design: Ellen Andreasen
Photos: Bent Jacobsen



CUM was awarded 14 Gold medals
at the International
Textile Exposition in California
1967 — 1968 — 1969



CUM

In our latest CUM weaving book we have chosen to display the new design of our craftsmen against the background of Lejre, a reconstructed prehistoric settlement near Roskilde.

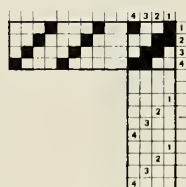
Our choice was well considered. The manufacture of textiles is after all an ancient occupation — indeed some people claim that it was not until man had learned to make clothing for himself that civilisation really commenced.

Denmark is particularly fortunate in having a direct parallel between prehistoric and modern weaving because nowhere else in Europe have climate and soil conditions combined to preserve so many fine fabrics from man's earliest centuries. We therefore start with a brief look at the ancient history of weaving, with instructions on how with modern materials we can copy some of the most beautiful and practical garments from Danish prehistory.

When man began to settle, cultivate the land and keep herds of animals, weaving developed in direct relation to his sheep and flax production. Wool was carded by hand and spun into threads by means of a primitive spindle comprising a straight stick weighted at one end with something heavy such as a lump of clay or perforated stone. The scoured yarn was then used either in its natural shades or dyed with plant coloring. The National Museum in Copenhagen houses samples of skirts, embroidered blouses, capes, shawls, coats, bonnets, etc., from the Danish bronze and iron ages. These bear witness not only to changing fashions even in those days but also to increasing knowledge of different forms and techniques of weaving.

huldremose chech pattern

A number of women's garments have been recovered from Huldremose, a marshland archeological site in Djursland, Denmark. They include items in a form of tartan, e.g. a long skirt and a shawl. The fabric was woven with single-spun woollen thread. Because the material has been underground for centuries the colors have been reduced to shades of light and dark brown but there are grounds to believe that the garments were originally brown/yellow or yellow/green. In order to come as close as possible to the original fabric in quality and appearance we have selected CUM 5 1/2 mm yarn for weaving. This is a single thread yarn, and the coloring is very similar to the plant dyes used in prehistoric days.



Huldremose Chech Pattern

Warp:

CUM 1-ply wool

Weft:

Same as warp

Reed:

75/10 (18 dents to the inch) —
1 thread per heddle and 1 per
dent

Width in reed:

Abt. 80 cm (31 1/2 ")

Number of warp ends:

598 (inclusive of 2 selvedge
ends)

Length of warp:

3 m (abt. 3 yds.) for long skirt

Materials:

400 g (14 oz.) CUM 1-ply wool
color No. 2 dark brown

500 g (18 oz.) CUM 1-ply wool
color No. 86 yellow

Technique:

Twill weave on 4-harness

Warping order:

No. of ends (threads)	Color No.
--------------------------	-----------

10	2
----	---

14	86
----	----

4	2
---	---

8	86
---	----

4	2
---	---

14	86
----	----

I	6	2
	6	86

	6	2
--	---	---

II	16	86
	8	2

	8	86
--	---	----

	8	2
--	---	---

	16	86
--	----	----

Repeat group I 10 times
6 threads of cl. No. 2

Repeat group II one time

Repeat group I 10 times
6 threads of cl. No. 2

	14	86
--	----	----

	4	2
--	---	---

	8	86
--	---	----

	4	2
--	---	---

	14	86
--	----	----

	10	2
--	----	---

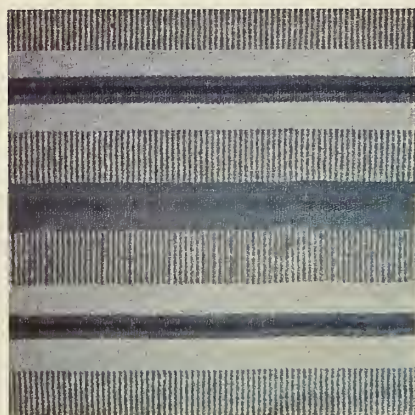
Weaving:

Weave filling in same order as
warping order, but leave out the
edge borders of the warp (viz.
the utmost 52 threads).

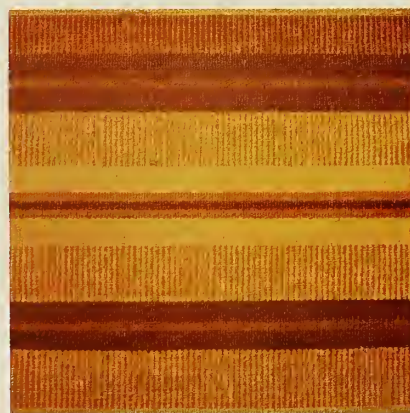
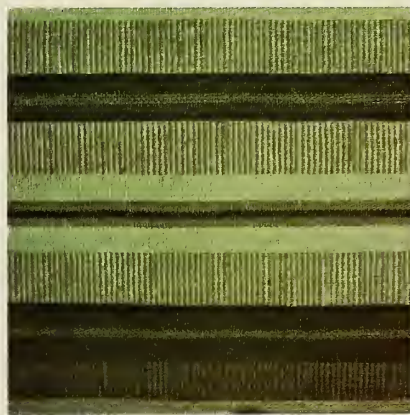
About 30 miles west of Copenhagen, in the area surrounding the village of Lejre, lies the home of the legendary Danish kings. West of this village is the world's first center for imitative experiments in archaeology and cultural anthropology — the Lejre Research Center. The practical testing of historic and archaeological theories about technology and house-building in the past began about 10 years ago and is met to-day with so great interest that the center every year is visited by thousands of children and adults.



Warp:
CUM Fishnet twine 12/12
Weft:
CUM Matt yarn — double wound
Reed:
24/10 (6 dents to the inch)



Width in reed:
80 cm (abt. 31 ½")
Warp ends:
200 plus 4 selvedge ends
Materials:
350 g. (12 ½ oz.) CUM fishnet
twine 12/12 for 2 m.

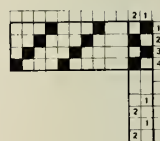


4 cm (1½") medium double
wound
8 picks medium and dark
wound together
4 cm (1½") medium
6 cm (2") medium and dark
repp (repp weave explained
below)
8 cm (3") medium and light
wound together
6 cm (2") medium and dark
repp
4 cm (1½") 2 threads of dark
wound together

4



afghans



Heather colored Afghan

Warp:

CUM wool 2/7

Weft:

Same as warp

Reed:

45/10 (11 dents to the inch)

For frame loom: 1 thread in opening and 1 in dent

For harness loom: 1 thread in heddle and 1 in dent)

Width in reed:

Abt. 78 cm (30½")

Measurement:

Abt. 75 x 150 cm (29½" x 5 ft)

Number of warp ends:

360 (inclusive of 2 selvedge ends)

Tension of weft:

Abt. 4 threads per cm (10 threads per inch)

Technique:

Plain (Tabby) on frame or harness loom

Length of warp:

2 m (abt. 2 yds.)

Materials:

Abt. 400 to 500 g (14 to 17 oz.)

CUM wool 2/7 for warp and weft.

Warping order:

No. of threads Color No.

20	3070
12	3026
6	3069
16	725
10	724
2	3042
2	724
2	3042
2	724
2	3042
2	724
8	3042
8	3068
8	3069
2	3070
2	3069
150 Center	3026

Repeat in reverse from center
(= 2 threads of No. 3069)

Weaving:

Weave filling in same order as warping order.

Turquoise Afghan

Follow same instructions as for heather colored rug

Number of warp ends:

364

Warping order:

No. of threads Color No.

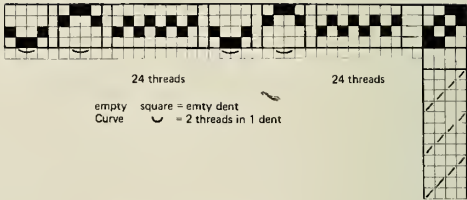
60	3046
60	718
8	727
2	3080
2	727
6	3080
1	3025
2	3080
1	3025
2	3080
12	3025
10	725
2	724
2	725
2	724
2	725
4	724
8 Center	3042

Repeat in reverse

(= 4 threads of No. 724)



red curtain



Red curtain

Warp:
CUM 1-ply wool
Weft:
CUM 1-ply wool color No. 31
Reed:
45/10 (11 dents to the inch) —
1 thread per heddle and 1 per
dent
Width in reed:
80 cm (31½") — ready-made
about 75 cm (29¾")
Number of warp ends:
360

Technique:
Plain weave (tabby) with canvas
stripes on 4-harness
Warping order:

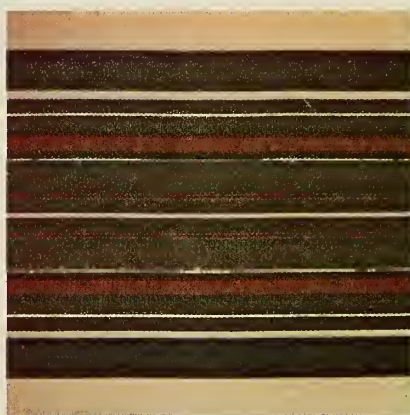
No. of threads Color No.	
16	48
4	52 = 24
4	48
16	52
4	48 = 24
4	52
16	48
4	52
4 and so force	

Repeat the 24 threads altenately
Multiply 14 by 24 = 336 threads
and finish with 16 threads
352 threads
plus double selvedge threads

**Tie-up and thread
through heddle and reed as
follows:**
(see also draft)
16 threads:
1 in heddle and 1 in dent
1 empty dent
1 thread in dent
2 threads in the same dent
1 thread in dent
1 empty dent
1 thread in dent
2 threads in dent
1 thread in dent
1 empty dent
and start all over again with 16
threads in reed.
Materials:
850 g (30 oz) CUM 1 1-ply
wool for 6 m.



fustian for upholstery



Fustian for upholstery

Warp:

CUM cotton yarn 2/16
unbleached

The warp is made in the normal
way in the length wanted plus
allowance

Weft:

CUM 2-ply gobelin yarn in
various colors

Reed:

60/10 (15 dents to the inch) —
2 threads per heddle and 2 per
dent

Width in reed:

Abt. 70 cm (27")

Number of warp ends:

420 double ends plus 8 selvages

Materials:

for the stripe repeat with abt.
20 cm (7 ½") in between and
20 cm (7 ½") in the beginning
and in the end:

abt. 500 g (18 oz.) colored
gobelin yarn

abt. 200 g (7 oz.) white
gobelin yarn

abt. 700 g (24 ½ oz.) cotton 2/16
for 10 m.

Technique:

Cross twill on 4-harness

Tension of Weft:

10-12 threads per cm (25 to 30
threads per inch) gobelin
single

see page 38



table cloths in colors

Table cloths in colors

Warp:

CUM Cottolin

Weft:

Same as warp

Reed:

For 4-harness twill weave 45/10
(11 dents to the inch)

1 thread in heddle and 2 in dent
For 2-harness plain weave
(tabby) 80/10 (20 dents to the
inch)

1 thread in heddle and 1 in dent
For frame loom 80/10 (20 dents
to the inch)

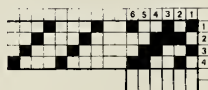
1 thread in opening and 1 in dent

Width in reed:

65-70 cm (25" to 27") = half
width of cloth to be sewn
together

Number of warp ends:

594 plus 4 selvedge ends



Technique:

Twill on 4-harness or plain
(tabby) on 2-harness frame
loom

Materials:

For 100 x 100 cm (39" x 39")
350 g (12 oz.) single or double
wound CUM Cottolin yarn

For 135 x 200 cm (53" x 78")
as shown on the photo

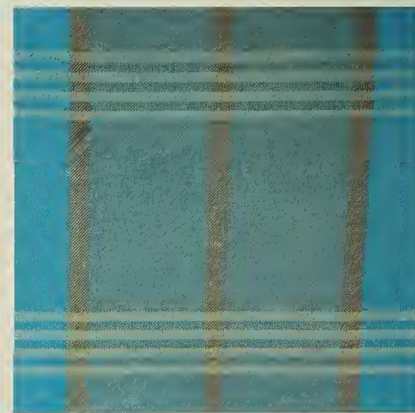
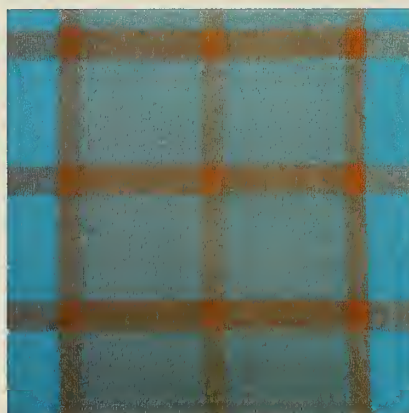
900 g (31½ oz.) single or
double wound CUM Cottolin
yarn

Warping order:

No. of threads	Color No.
130	9086
260	9085
28	9074
160	9074
	and 9085
	alternately
16	9074

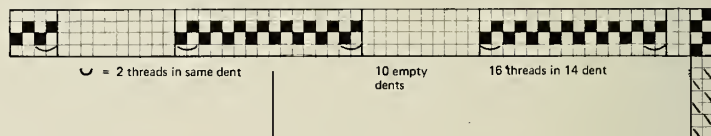
Weaving:

Filling for instance in same
order and colors as warping
order shows, but be very careful
when measuring so that chang-
ing of colors are exactly
opposite each other when
sewing the cloth together. Other-
wise it is better to weave a
straight uniform piece.





curtain



Curtain

Warp:

CUM 1-ply wool color No. 66
or 67

Weft:

Same as warp

Reed:

60/10 (15 dents to the inch)

Width in Reed:

80 cm (31½")

Number of warp ends:

300 inclusive of selvedge ends

Length of warp:

7 m (7½ yds.)

Tension of Weft:

6-7 threads per cm (15 to 18
threads per inch)

Technique:

Plain weave (tabby) on harness
— or frame loom

Denting:

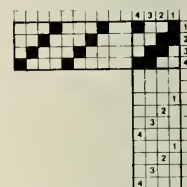
16 threads in 14 dents and 10
empty dents, i.e. 2 threads in
the 1st dent, 1 thread in the
next 12 dents, 2 threads in the
14th dent, then 10 empty dents
and start all over again.

Materials:

abt. 800 g. (28 oz.) for 7 m.



afghan



Large white/grey/brown Afghan

Warp:

CUM 2-ply wool 2/7

Weft:

CUM 2-ply wool 2/7 double
wound

Reed:

55/10 (14 dents to the inch) —
1 thread in heddle and 1 in dent

Width in reed:

75 cm (29 3/4")

Number of Warp ends:

422 (for half width)

Materials:

100 g (2 oz.) CUM 2-ply wool
color No. 3000

100 g (3 1/2 oz.) CUM 2-ply wool
color No. 726

175 g (6 oz.) CUM 2-ply wool
color No. 3023

200 g (7 oz.) CUM 2-ply wool
color No. 3031

175 g (6 oz.) CUM 2-ply wool
color No. 3020

700 g (24 1/2 oz.) for the warp

350 g (12 1/4 oz.) CUM 2-ply
color No. 3000

400 g (12 1/4 oz.) CUM 2-ply
color No. 726

750 g (24 1/2 oz.) for the weft

wound together

see page 39



red upholstery



Red upholstery (fustian) for chairs

Warp:

CUM cotton yarn 2/16

color No. 1046

CUM 2-ply Gobelin yarn

color No. 6024 double wound

CUM 2-ply Asborya yarn

color No. 25 single

Reed:

60/10 (15 dents to the inch)

2 threads in heddle and 2 in dent

Width in reed:

Abt. 70 cm (abt. 27")

Number of warp ends:

420 double threads

Materials: (weft)

200 g (7 oz.) CUM 2-ply

Gobelin color No. 6024

300 g (10 oz.) CUM 2-ply

Asborya color No. 25

Technique:

Cross twill

Measurement:

65 x 120 cm (25 1/2" x 47")

Stripe repeat

Abt. 3 cm (1") (dark backing)

CUM 2-ply Gobelin color No.

6024 double wound

2 picks Asborya color

No. 25 single wound

2 picks Gobelin color

No. 6024

4 picks Asborya color

No. 25

2 picks Gobelin color

No. 6024

10 picks Asborya color

No. 25

2 picks Gobelin color

No. 6024

4 picks Asborya color

No. 25

2 picks Gobelin color

No. 6024

2 picks Asborya color

No. 25

18 picks of Gobelin between
each stripe

Materials:

700 g (24 1/2 oz.) CUM cotton
2/16 for 10 m.



bedspread

Bedspread

Warp:

CUM Homespun

Weft:

CUM Homespun, double wound

Reed:

50/10 (12 dents to the inch)

1 thread per heddle and 1 per dent

Width in Reed:

70 cm (27 1/2") = half width to be sewn together

Number of warp ends:

240

Reeding:

(seam) 12 ends (threads)

1 thread in dent plus 2 selvages

12 empty dents

24 threads — 1 in dent

12 empty and so force

24 threads

Technique:

Plain (tabby) with rya knots (Ghiordes knot) on harness or frame loom

Materials:

250 g (abt. 9 oz.)

CUM Homespun, color No. 8040

250 g (abt. 9 oz.) CUM

Homespun, color No. 8040

250 g (abt. 9 oz.) CUM

Homespun, color No. 8039

250 g (abt. 9 oz.) CUM

Homespun, color No. 8038

250 g (abt. 9 oz.) CUM

Homespun, color No. 8033

for warp

750 g (26 oz.) CUM Homespun, color No. 8033 double wound for weft

1 rya gauge (stick) (width abt. 2.5 cm = 1")

Weaving:

Start with abt. 20 cm (abt. 8") plain (tabby) weaving with CUM Homespun color No. 8033 double wound. Make 3 rows of rya knots with 8 picks plain weaving between each row on the following 5 cm (2"). The rya knots are made of 1 thread of each of the following colors: No. 8040, 8039, 8038 and 8033, 4 threads in all. See instructions for rya knotting on page

Now weave:

10 cm (4") plain

5 cm (2") plain with rya knots

10 cm (4") plain

5 cm (2") plain with rya knots

10 cm (4") plain

5 cm (2") plain with rya knots

20 cm (8") plain

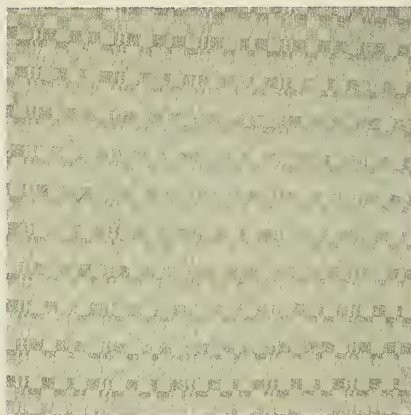
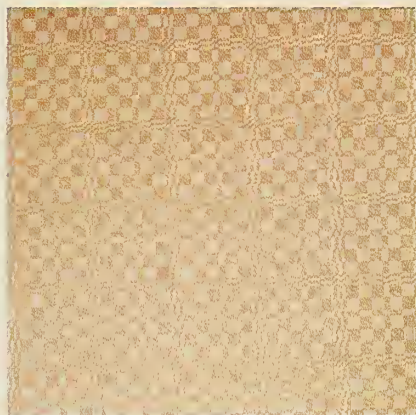
5 cm (2") plain with rya knots

20 cm (8") plain CENTER

Repeat in reverse from center



drill for table cloths



Drill for table cloths,
place mats etc.

Warp:

CUM unbleached cotton
yarn 2/16

Weft:

CUM dyed linen yarn, double
wound

or

CUM cotton yarn 2/16,
double wound

Reed:

80/10 (20 dents to the inch) —
1 thread per heddle and
2 threads per dent

Width in reed:

Abt. 65-70 cm (25" to 27") =
normal half cloth width

Number of warp ends:

Abt. 1100

Technique:

Drill weave

Materials:

Warp:

800 g (28 oz.) CUM cotton
2/16 for 10 m.

Weft:

1200 g (42 oz.) CUM dyed linen
1/16 for 10 m.

Weaving:

You make a pattern by
threadling alternately on 4
threadles. Threadle 1 - 2 - 1 - 2
until you have made a square
figure, then threadle 3 and
4 - 3 - 4 till you have added
another square.

By threadling repeat 6 and 7
only the pattern will be more
simple.





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you like the open nature

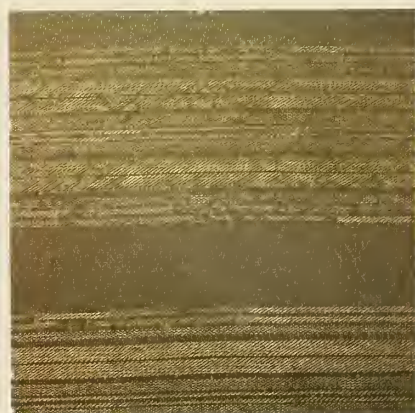
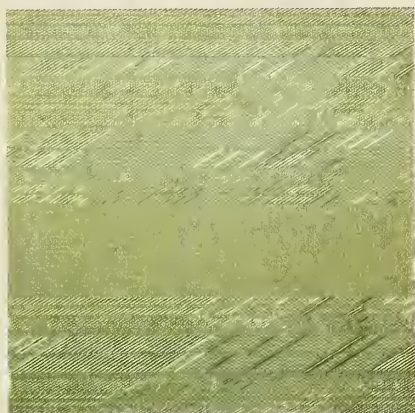
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This will bring you close to the nature.



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upholstery



Upholstery

blue — lilac — brown — green

Warp:

CUM cotton yarn 2/16 dark
No. 1046 black, brown or blue

Weft:

CUM 1-ply wool — double
wound for plain weave
CUM 1-ply wool and CUM
2-ply gobelin yarn for the
stripes

Reed:

60/10 (15 dents to the inch) —
2 ends per heddle and 2 per
dent

Width in reed:

about 70 cm (about 27")

Number of

warp ends:

840 + 8 selvedge ends

Materials:

2.40 m (2½ yds.) finished mea-
sure = 6 stripes with 12 cm
(4¾") in between

600 g (21½ oz.) CUM 1-ply

200 g (7 oz.) CUM 2-ply
gobelin

Technique:

Warp:

700 g. (24½ oz.) CUM cotton
2/16 for 10 m.

Twill and plain weave (tabby) =
4-harness 6 threadles (pedals)

Weaving: Weave as follows:

12 cm (4¾") plain with double-
wound CUM 1-ply

8 picks twill with 1 thread
2-ply gobelin, 1 thread 1-ply
wounded together

5 picks plain

8 picks twill

6 picks twill on threadle 1 and
3 with 1 pick of plain in
between

9 picks plain

20 picks twill

3 picks plain



20 picks twill

9 picks plain

10 picks twill on threadle 1 and
3 with 1 pick of plain in
between

4 picks plain

4 picks twill

5 picks plain Center

5 picks plain

Repeat in reverse from center

Weave about 12 cm (4¾") plain
(tabby) between each repeat
stripe.

Green

CUM 1-ply wool color No. 15

CUM 1-ply wool color No. 6018

Brown

CUM 1-ply wool color No. 27

CUM 2-ply gobelin color
No. 6011

Lilac

CUM 1-ply wool color No. 38

CUM 2-ply gobelin color
No. 754

Blue

CUM 1-ply wool color No. 19

CUM 2-ply gobelin color
No. 6028



dæmon

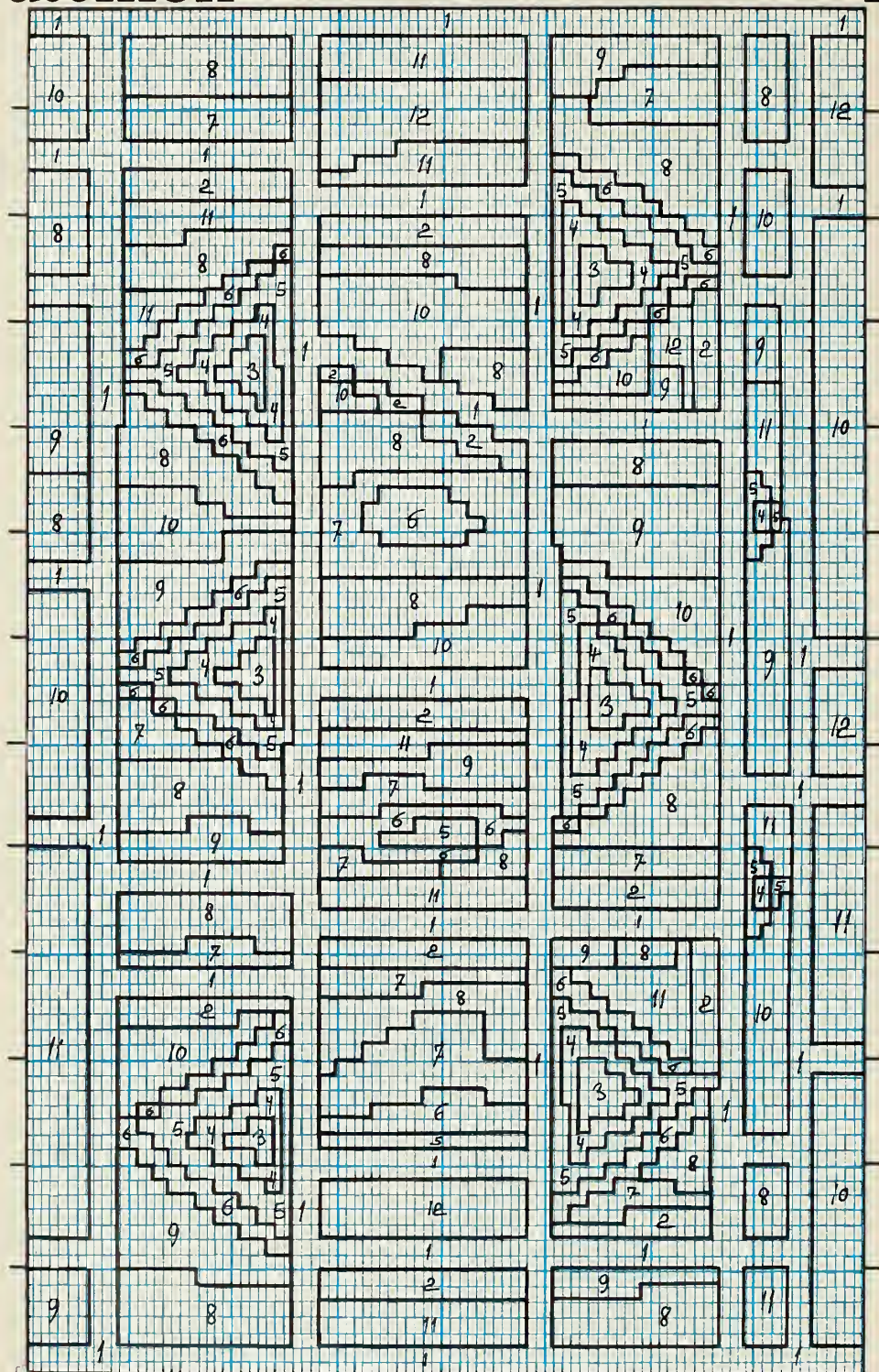
rya

 2 ft. 8 inc. x 4 ft. 4 inc.

CUM RYA
nr.67
COLOR COMBINATIONS

- 1 4067-4073-772
- 2 4000-4001-4060
- 3 4088-4089-763
- 4 4087-4088-763
- 5 4086-4087-4088
- 6 4085-4086-4087
- 7 4084-4085-4086
- 8 4045-4046-4084
- 9 4045-4046-4067
- 10 4046-4084-772
- 11 4046-4067-4076
- 12 4076-4067-772

EACH KNOT CONSISTS OF
3 THREADS OF EACH
OF THE ABOVE COLOR
COMBINATIONS



Start here 1 square = 1 knot

design Jette Thyssen



WEAVE YOUR OWN CUM RYA

Warp:

350 g (12 oz.) CUM Linen rug
warp 2/8

Weft:

650 g (23 oz.) CUM Matt yarn,
1-ply

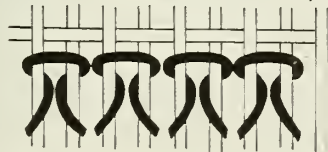
Knots:

CUM Asborya yarn in the
following color numbers:

450 g	(16 oz.)	No. 4067
250 g	(9 oz.)	No. 4073
400 g	(14 oz.)	No. 772
50 g	(2 oz.)	No. 4000
50 g	(2 oz.)	No. 4001
50 g	(2 oz.)	No. 4060
100 g	(3½ oz.)	No. 4088
25 g	(1 oz.)	No. 4089
50 g	(2 oz.)	No. 763
125 g	(4 oz.)	No. 4087
175 g	(6 oz.)	No. 4086
125 g	(4 oz.)	No. 4085
300 g	(10½ oz.)	No. 4084
200 g	(7 oz.)	No. 4045
375 g	(13 oz.)	No. 4046
125 g	(4 oz.)	No. 4076



RYA (Ghiordes) KNOT 10 picks plain



Reed:

24/10 (6 dents to the inch)

Frame loom: 1 thread in open-
ing and 1 in dent

Harness loom: 1 thread in
heddle and 1 in dent

Width in reed:

80 cm (31½") = 86 rya knots in
one row

Size of rug:

80 x 130 cm (2 ft. 8 inc. x 4 ft.
4 inc.)

Length of warp:

130 cm (4 ft. 4 inc.) plus 40 cm
(abt. 16") for fringes and allow
extra for warp lost

Number of warp ends:

192

Technique:

Plain (tabby) with rya knots
(Ghiordes knot) for harness or
frame loom.

Tension of weft:

Abt. 10 picks between each row
of knots

Abt. 7 to 8 rows of knots per
10 cm (4")

Materials:

1 rya gauge (stick) abt. 4 cm
(1½") and rya needle if wanted.

Weaving:

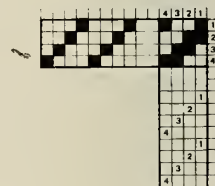
Before starting to weave allow
20 cm (8") warp for fringes.

Weave first 3 cm (abt. 1") with
Matt yarn. To cover the warp
lay in filling loosely, beat extra
hard and use also a tapestry
fork. How to tie rya knots is
shown below, and the knots are
cut unevenly. After last row of
rya knots weave 2.5 cm (1")
with Matt yarn.

The pattern of this technique is
formed by tying knots around
the warp threads (2 warp threads
for each knot). The knots are
retained by the plain weave
(tabby).

Carry the yarn (3 Asborya
threads of each color combina-
tion) between the two warp
threads, underneath the left warp
thread, and then carry yarn over
both warp threads. Now pass
yarn under right warp thread
and up again in the middle.
Finally, swing yarn under a rya
gauge (stick) or round your
finger and tighten knot. If a rya
gauge is used cut loops alternately
at either side of gauge to obtain
a vivid surface. See also instruc-
tions for making rya knots with
gauge and needle on page 66.
10 picks of plain (tabby)
between each row of knots.

afghan in sunshine colors



Afghan in sunshine colors

Warp:

CUM 2-ply wool 2/7

Weft:

CUM 2-ply wool 2/7 double-wound

Striped plaid: wound color No. 3056 and 715 together

Check plaid: divide all remaining wool double-wound

Reed:

55/10 (15 dents to the inch) —
1 thread per heddle and 1 thread per dent

Width:

abt. 65 cm (25½")

Number of warp ends:

360

Materials:

100 g (3½ oz.) CUM 2-ply wool
2/7 color No. 3049

100 g (3½ oz.) CUM 2-ply wool
2/7 color No. 3057

100 g (3½ oz.) CUM 2-ply wool
2/7 color No. 3050

200 g (7 oz.) CUM 2-ply wool
2/7 color No. 3056

200 g (7 oz.) CUM 2-ply wool
2/7 color No. 715

100 g (3½ oz.) CUM 2-ply wool
2/7 color No. 3044

100 g (3½ oz.) CUM 2-ply wool
2/7 color No. 3016

900 g (31½ oz.) CUM 2-ply wool
2/7

Tension of Weft:

3 double threads per 1 cm
(8 double threads per inch)

Technique

Twill

Length of Warp:

4 m (4½ yds.) for 2 plaids

Warping order:

Use 2 threads at a time of abt.
1.5 m (1½ yds.)

No. of threads	Color No.
28	3044 and 3057
8	3044
40	3050 and 3056
20	3016 and 3049
40	715 and 3056
16	715
28	3056 and 3057
16	3049 and 3057
4	3049
4 center 3044 and 3057	

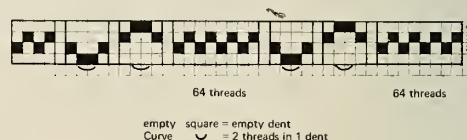
This is the center of the plaid. If you want the plaid to be alike in both sides repeat in reverse from here.

No. of threads	Color No.
20	3044 and 3056
12	3056
20	3056 and 3050
12	3050 and 3016
8	3016
20	715
4	3016
20	3016 and 3049
20	3057 and 3049
20	3044 and 3057

360 warp ends



curtain yellow/brown



Curtain yellow/brown

Warp:

CUM 1-ply wool

West:

The same as warp

Reed:

55/10 (14 dents to the inch) —
1 thread per heddle and 1 per
dent

Width:

80 cm (31½")

Tension of Weft:

about 12 picks per inch (abt.5
per cm)

Materials:

300 g (10 oz.) CUM 1-ply wool
color No. 10

300 g (10 oz.) CUM 1-ply wool
color No. 4

100 g (3½ oz.) CUM 1-ply wool
color No. 41

Technique:

Plain weave (tabby) with canvas stripes on 4-harness

Length of warp:

7 m (7 ½ yards)

Number of warp ends:

440

Warping order:

No. of threads	Color	No.
1	Black	1
2	Black	2
3	Black	3
4	Black	4
5	Black	5
6	Black	6
7	Black	7
8	Black	8
9	Black	9
10	Black	10
11	Black	11
12	Black	12
13	Black	13
14	Black	14
15	Black	15
16	Black	16
17	Black	17
18	Black	18
19	Black	19
20	Black	20
21	Black	21
22	Black	22
23	Black	23
24	Black	24
25	Black	25
26	Black	26
27	Black	27
28	Black	28
29	Black	29
30	Black	30
31	Black	31
32	Black	32
33	Black	33
34	Black	34
35	Black	35
36	Black	36
37	Black	37
38	Black	38
39	Black	39
40	Black	40
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92	Black	92
93	Black	93
94	Black	94
95	Black	95
96	Black	96
97	Black	97
98	Black	98
99	Black	99
100	Black	100

36	10
8	41
64	4
8	41
64	10
8	41
64	4
8	41
64	10
8	41
64	4
8	41
36	10

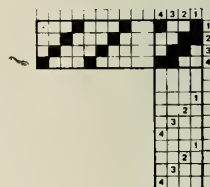
440 warp ends inclusive of 4
selvedge ends

Threading and Denting:

Same as for red curtain



afghan



Turquoise/Yellow Afghan

Warp:

CUM 2-ply wool 2/7

Weft:

CUM 2-ply wool 2/7 double-wound

afghan with yellow cross stripe:
the filling is woven in same
order as warp order

afghan with longitudinal stripes:
double-wound color No. 720
and 3046

Reed:

55/10 (15 dents to the inch)
— 1 thread per heddle and 1
thread per dent

Width in reed:

Abt. 65 cm (25½")

Number of

warp ends:

360

Materials:

200 g (7 oz.) CUM 2-ply wool
2/7 color No. 720

200 g (7 oz.) CUM 2-ply wool
2/7 color No. 3047

200 g (7 oz.) CUM 2-ply wool
2/7 color No. 3046

200 g (7 oz.) CUM 2-ply wool
2/7 color No. 719

100 g (3½ oz.) CUM 2-ply wool
2/7 color No. 3035

900 g (31½ oz.) CUM 2-ply
wool 2/7 for afghans

Tension of Weft:

3 double threads per cm
(8 threads per inch)

Technique:

Twill

Length of Warp:

4 m (4½ yds.) for 2 afghans of
1.5 m (1½ yds.) each

Warping order:

Use 2 threads at a time

No. of threads Color No.

40 720 and 3047

40 3047

30 4046 and 716

10 720 and 719

10 720 and 3035

20 3035 and 3035

10 720 and 3035

10 720 and 719

20 center 719

Repeat in reverse from center and
finish with 40 threads of No. 720
and No. 3047 = a total of 360
warp ends (threads).



striped table cloth

Striped Table Cloth

Warp:

CUM Cotton yarn 2/16

Weft:

CUM Linen yarn 2/16 double

Reed:

80/10 (20 dents to the inch)

For frame loom: 2 threads in opening and 2 in dent

For harness loom: 2 threads in heddle and 2 in dent

Width in reed:

Abt. 70 cm (27")

Length of warp:

Abt. 6 m (6½ yds.)

Materials:

Warp: abt. 300 g (10 oz.)

CUM cotton yarn 16/2

Weft: abt. 480 g (17 oz.)

CUM linen yarn 16/1, color

No. 128, double

Technique:

Plain (tabby) on frame or harness loom

Measurement:

112 x 250 cm (44" x 98")

Warping order

No. of threads	Color No.
Double threads	
30 (outer edge)	1066
16	1019
4	1034
4	1019
16	1034
4	1094
4	1034
16	1094
4	1086
4	1094
16	1086
4	1085
4	1086
8 CENTER	1085

Repeat in reverse from center to the dark blue stripe (with 8 threads) which will be the center in the blue section.

The table cloth is woven in half width and is sewn together with fine stitches.



continued from page 4

8 picks dark and medium
 4 cm (1 1/2") 2 threads of dark
 wound together
 8 cm (3") medium and dark
 repp
 4 cm (1 1/2") 2 threads of light
 wound together
 8 picks medium double
 wound
 8 picks dark double
 wound
 8 picks medium double
 wound
 4 cm (1 1/2") 2 threads of light
 wound together
 8 cm (3") medium and light
 repp
 3 cm (1") dark double wound
 (CENTER)
 8 picks medium and dark
 wound together
 Repeat in reverse from center

Repp

Use 1 shuttle (bobbin) with
 double dark and 1 shuttle
 (bobbin) with double light
 yarn. Lay the light color in one
 shed and the dark color in the
 other shed, and continue till
 you have the cm/inches wanted.
 Remember to "turn" the shutt-
 les round each other in the
 edges.

Following colors are used for
 the flatwoven rugs

CUM Matt yarn

Brown:	dark	No. 5047
	medium	No. 5007
	light	No. 5006
Turquoise:	dark	No. 775
	medium	No. 5052
	light	No. 5050
Green:	dark	No. 5024
	medium	No. 5023
	light	No. 5025
Violet:	dark	No. 779
	medium	No. 774
	light	No. 773
Yellow:	dark	No. 5020
	medium	No. 5017
	light	No. 5016

continued from page 10

Stripe repeat	red	blue	green	brown	yellow	
Filling	cl.No.	cl.No.	cl.No.	cl.No.	cl.No.	
20 cm (7 1/2")	6001	6001	6001	6001	6001	single
6 cm (2")	6024	753	6019	6012	10	(gobelin) double
1 cm (3/8")	6001	6001	6001	6001	6001	
2 cm (3/4")	6022	746	6017	6011	56	double
4 picks	6001	6001	6001	6001	6001	
2 cm (3/4")	6022	746	6017	6011	56	double
1 cm (3/8")	6024	753	6019	6012	10	
2 cm (3/4")	6011	6012	6011	6029	89	double
1 cm (3/8")	6024	753	6019	6012	10	double
4 picks	6001	6001	6001	6001	6001	
4 cm (1 1/2")	6022	746	6017	6011	56)	
4 picks	6024	753	6019	6012	10)	
4 picks	6022	746	6017	6011	56)	
4 picks	6011	6012	6011	6029	89)	double CUM 1-ply wool
4 picks	6024	746	6019	6012	56)	
4 picks	6011	6012	6011	6011	89)	
4 picks	6022	746	6017	6012	56)	
4 picks	6024	753	6019	6011	10)	
1 1/2 cm (5/8")	6022	746	6017	6012	56)	
8 picks CENTER	6001	6001	6001	6001	6001	CENTER
Repeat in reverse from center						

The yellow stripe repeat is CUM 1-ply wool double wound and it works fine together with CUM 1-ply gobelin yarn single.

finishing

continued from page 16

Technique:

Twill

Length of Warp:

Abt. 6 m (6½ yds.)

Warping order:

No. of threads Color No.

50	3000
4	726
4	3000
8	3023
4	3031
4	3023
8	3031
4	3020
4	3023
4	3020
60	726
4	3023
4	726
8	3023
4	3031
4	3023
8	3031
4	3020
4	3031
4	3020
60	3023
4	726
4	3023
8	3031
4	3020
60	3031
4	726
4	3031
8	3023
8	3031
60	3020

422 threads (ends)

Sew the afghan neatly together in the light border. Twist fringes at both ends. Follow washing and and fulling instructions on page

Scarf:

Make a warp of abt. 160 ends of the remaining wool from the afghan shading from light to dark.

FINISHING

It is important that woven fabrics should be finished correctly.

Washing wool fabrics

Wool fabrics should be washed gently in lukewarm water containing a mild detergent (preferably soap flakes). Rinse the fabric out thoroughly and completely, adding a little vinegar or other fabric softener to the last rinse.

After washing and drying, the fabric should be pressed carefully under a damp cloth.

Milling and carding plaids, scarves, etc.

Milling produces a slight felting effect. The fabric assumes more bulk than when washed, and it shrinks more (10-20%). The fabric should be moved continuously in a lukewarm solution of soap flakes, and rubbed gently for a time (the length of time will depend on the desired bulk). Milling can also be executed in a washing machine. The temperature of the water must not exceed 95° F, and the machine should run for 15-30 minutes. After washing, rinse the fabric thoroughly in lukewarm water. Then steam iron.

Carding combs the surface of the fabric into a thick, soft pile. Before carding, mill the fabric as described above, then brush with a very stiff brush diagonal to the warp and weft. Moisten the fabric to prevent the threads slipping out of place.

Washing cotton, cottolin and linen fabrics

Cotton and cottolin fabrics should be washed before being made up into garments as they shrink. In the case of linen the temperature must not exceed 140° F, and the fabric should be rolled cold in order to retain its shine and durability.



CUM HANDWEAVING YARNS ARE PRODUCED BY OUR SPINNING MILL

KLIPPAN's YLLEFABRIK A/B
SWEDEN



CUM RYA

SÅDAN BESTILLER DE DERES CUM RYA:

Når De bestiller Deres CUM RYA, skal De huske at opgive navn, nummer, størrelse samt luvhøjde på det ønskede ryatæppe.

De modtager dernæst et komplet sæt indeholdende:

- En vævet ryabund i rette størrelse
- Det nødvendige ryagarn (Åsborya — 100% uld)
- En lineal til at knytte over
- Nåle
- Mønster og vejledning

HOW TO ORDER YOUR CUM RYA

When ordering your CUM RYA please remember to state

- name
- number
- size and length of pile of the rug wanted.

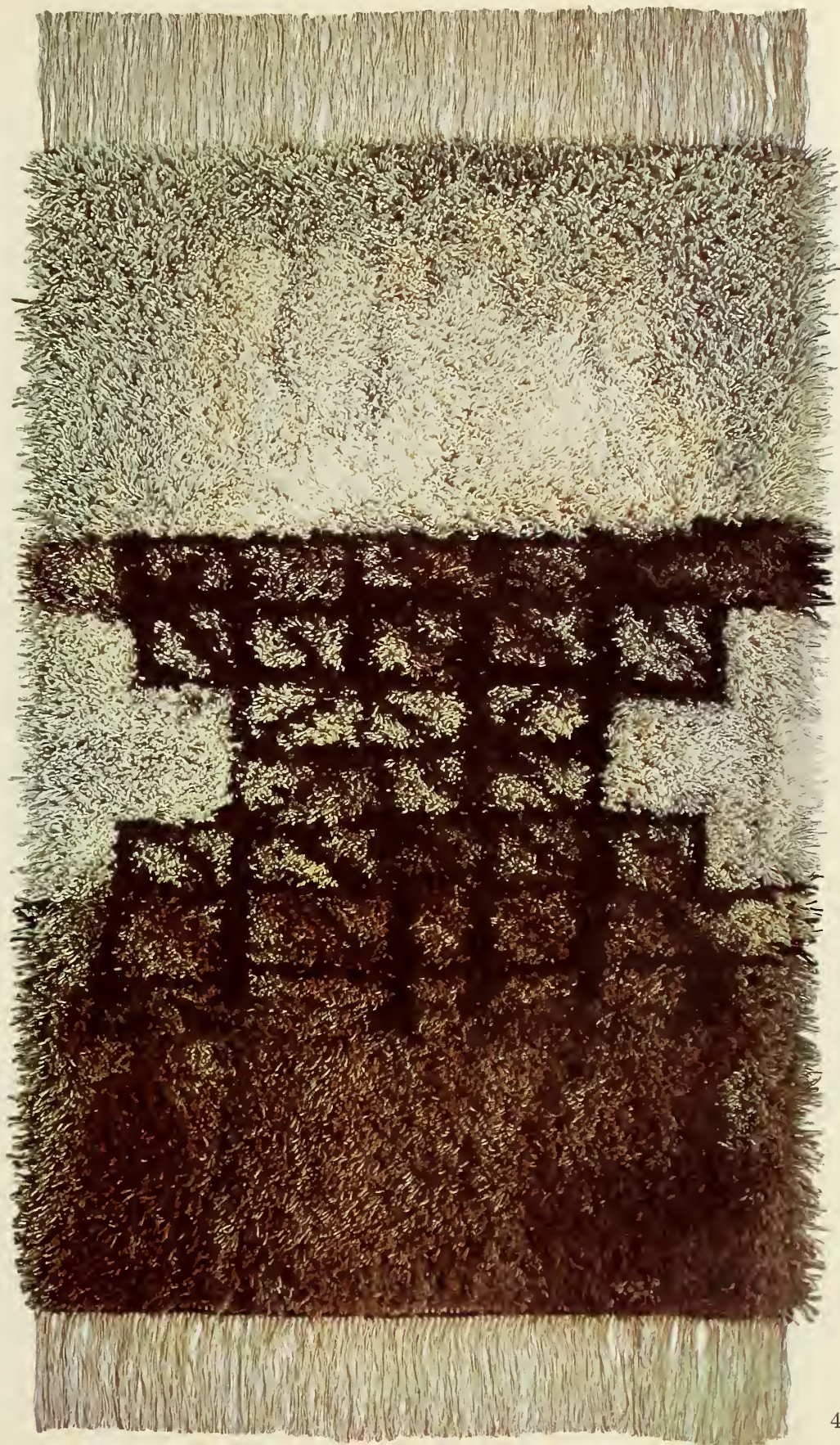
You will then receive a complete supply of materials consisting of

- a woven rya backing in the size required
- Asborya yarn of 100% wool
- a gauge for the knotting
- the number of rya needles required
- pattern and directions easy to follow

BESTELLUNG IHRER CUM RYA

Bitte, vergessen Sie nicht Name, Nummer, Grösse sowie Florlänge des Ryateppichs anzugeben. Dann werden Sie ein komplettes Rya Material empfangen, das aus folgendem besteht:

- Ein gewebter Ryaboden in der gewünschten Grösse
- Asborya Wolle
- Ein Lineal, um darüber zu knüpfen
- Die notwendige Anzahl Nadeln
- Arbeitszeichnung und Anweisung



CUM 120, TUNDRA

Design Leana Kolhinen Holme

Storrelser 60 x 120 cm

Größen 80 x 130 cm

100 x 150 cm

120 x 180 cm

150 x 200 cm

200 x 300 cm

Luvlængde 2 og 4 cm

Florlänge 2 und 4 cm

Sizes 2 ft x 4 ft

2 ft 8 inc x 4 ft 4 inc

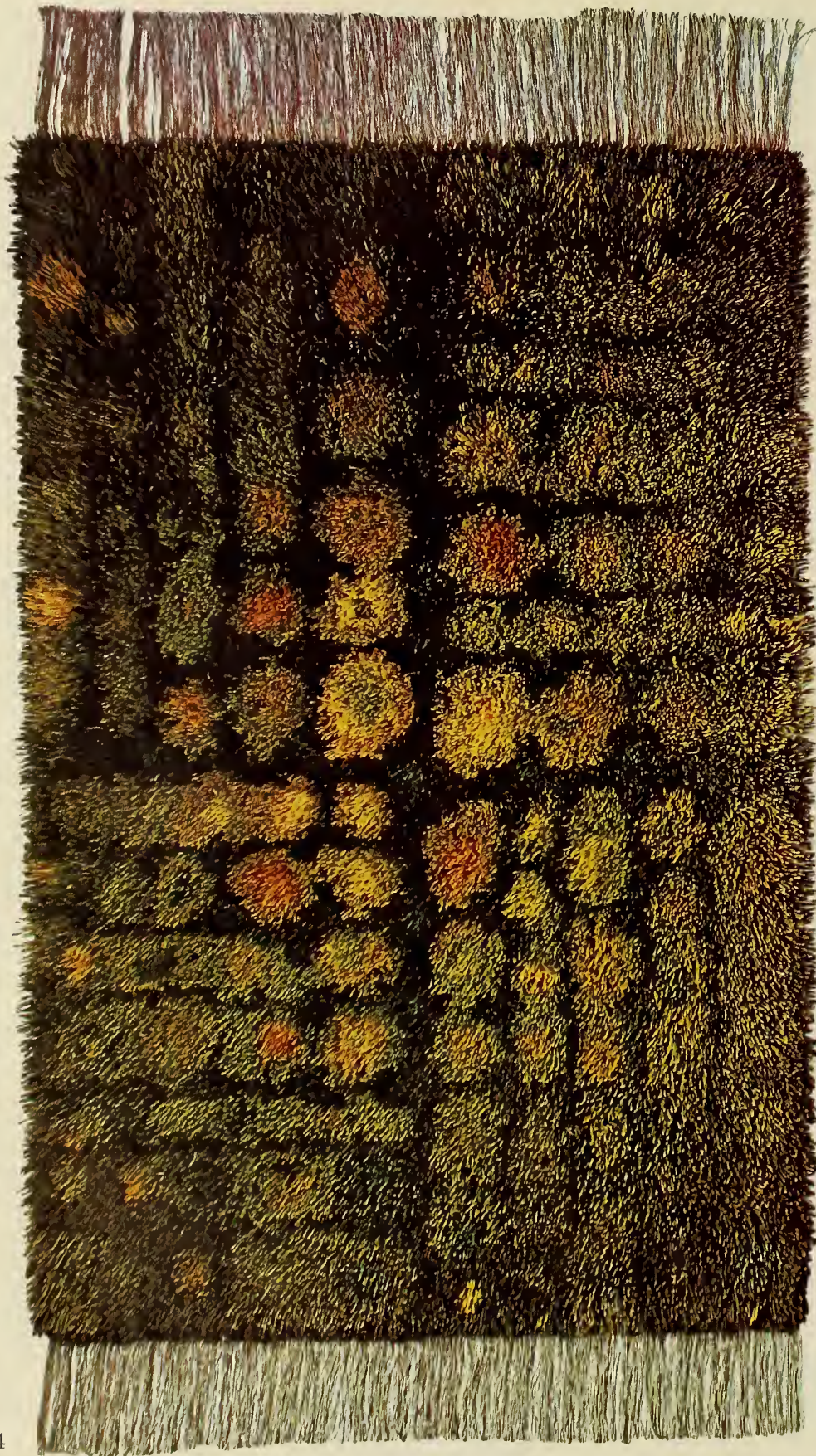
3 ft 4 inc x 5 ft

4 ft x 6 ft

5 ft x 6 ft 9 inc

6 ft 9 inc x 10 ft

Pile ¾ and 1½ inc



CUM 87, LUNA A
Design Rikke Bülow

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm

Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm

Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft

Pile	¾ and 1½ inc
------	--------------



CUM 73, GRONLAND

Design Jette Thyssen

Storrelser 60 x 120 cm
Größen 80 x 130 cm
100 x 150 cm
120 x 180 cm
150 x 200 cm
200 x 300 cm

Luvlængde 2, 4 og 7 cm
Florlänge 2, 4 und 7 cm

Sizes 2 ft x 4 ft
2 ft 8 inc x 4 ft 4 inc
3 ft 4 inc x 5 ft
4 ft x 6 ft
5 ft x 6 ft 9 inc
6 ft 9 inc x 10 ft

Pile ¾, 1½ and 2½ inc



CUM 140, TIBET, GRA
Design Gilbert Marklund

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlængde	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	$\frac{3}{4}$ and 1 $\frac{1}{2}$ inc

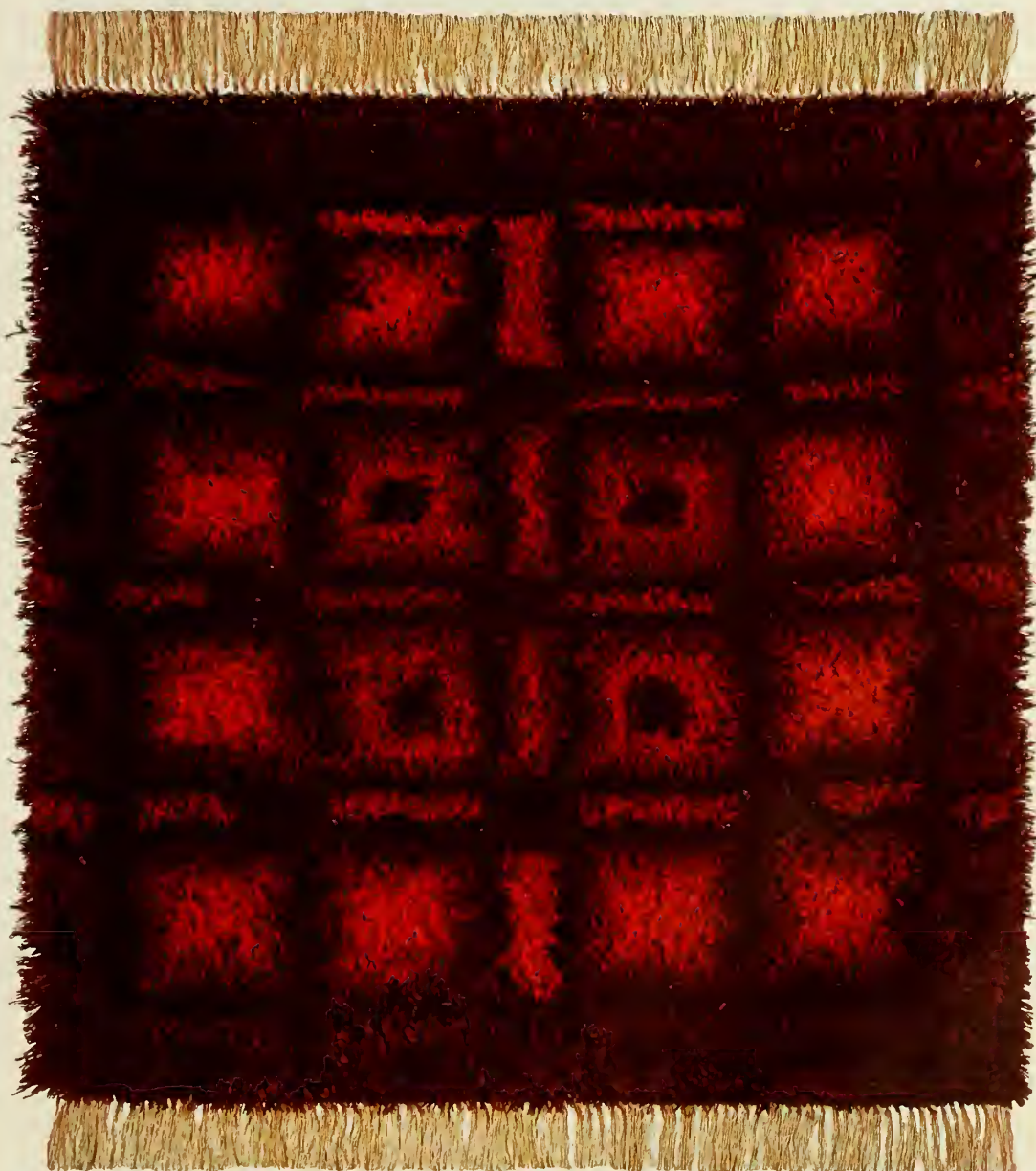
CUM 103, Mascot
Design Jette Thyssen

Storrelser 60 x 120 cm
Grossen 80 x 130 cm
100 x 150 cm
120 x 180 cm
150 x 150 cm
150 x 200 cm
200 x 200 cm
200 x 300 cm

Luvlængde 2 og 4 cm
Florlængde 2 und 4 cm

Sizes 2 ft x 4 ft
2 ft 8 inc x 4 ft 4 inc
3 ft 4 inc x 5 ft
4 ft x 6 ft
5 ft x 5 ft
5 ft x 6 ft 9 inc
6 ft 9 inc x 6 ft 9 inc
6 ft 9 inc x 10 ft

Pile ¾ and 1 ½ inc





CUM 143, ROBERT JACOBSEN, RØD
 CUM 143, ROBERT JACOBSEN, BLÅ
 Design Robert Jacobsen

Størrelser	120 cm x 80 cm
Größen	120 cm x 80 cm
Luvlængde	2 og 4 cm
Florlængde	2 und 4 cm
Sizes	2 ft 8 inc x 4 ft
Pile	$\frac{3}{4}$ and $1\frac{1}{2}$ inc



CUM 116, BONFIRE

Design Irja Mikkola

Storrelser 60 x 120 cm
Größen 80 x 130 cm
100 x 150 cm
120 x 180 cm
150 x 180 cm
200 x 300 cm

Luvlængde 2 og 4 cm
Florlänge 2 und 4 cm

Sizes 2 ft x 4 ft
2 ft 8 inc x 4 ft 4 inc
3 ft 4 inc x 5 ft
4 ft x 6 ft
5 ft x 6 ft 9 inc
6 ft 9 inc x 10 ft

Pile ¾ and 1 ½ inc



CUM 128, FIREPLACE
Design Leana Kolhinen Holme

Størrelser 60 x 120 cm
Größen 80 x 130 cm
100 x 150 cm
120 x 180 cm
150 x 200 cm
200 x 300 cm

Luvlængde 2 og 4 cm
Florlänge 2 und 4 cm

Sizes 2 ft x 4 ft
2 ft 8 inc x 4 ft 4 inc
3 ft 4 inc x 5 ft
4 ft x 6 ft
5 ft x 6 ft 9 inc
6 ft 9 inc x 10 ft

Pile ¾ and 1½ inc



82



91



94



85



89



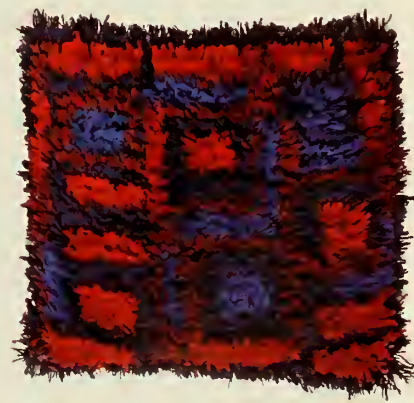
110



111



112



113

CUM RYA PUDER

Pudestykkerne leveres håndvævet med bagklædning i størrelse cirka 45x45 cm. De knyttes med det fremragende CUM uldgarn $\frac{1}{2}$.

CUM RYA CUSHIONS

The handwoven cushion base is supplied complete with backing in size approximately 1 ft 6 inc x 1 ft 6 inc. Rya cushions are made from the excellent CUM wool $\frac{1}{2}$.

CUM RYA KISSEN

Die Kissenböden werden handgeknüpft mit Rückstück in Grösse von ca. 45x45 cm geliefert. Sie werden mit dem hervorragenden schwedischen CUM Wollgarn $\frac{1}{2}$ geknüpft.



CUM 76, SOLARI B

Design Rikke Bülow

Størrelser 60 x 120 cm

Größen 80 x 130 cm

100 x 150 cm

120 x 180 cm

150 cm ø

150 x 200 cm

200 cm ø

200 x 300 cm

Luvlængde 2 og 4 cm

Florlänge 2 und 4 cm

Sizes 2 ft x 4 ft

2 ft 8 inc x 4 ft 4 inc

3 ft 4 inc x 5 ft

4 ft x 6 ft

5 ft ø

5 ft x 6 ft 9 inc

6 ft 9 inc ø

6 ft 9 inc x 10 ft

Pile ¾ and 1 ¼ inc



CUM 119, KILIMANJARO
Design Leana Kolhinen Holme

Storrelser	60 x 120 cm
Grossen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlængde	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc



CUM 142, LOUISIANA
Design Lilli Kollin

Storrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc



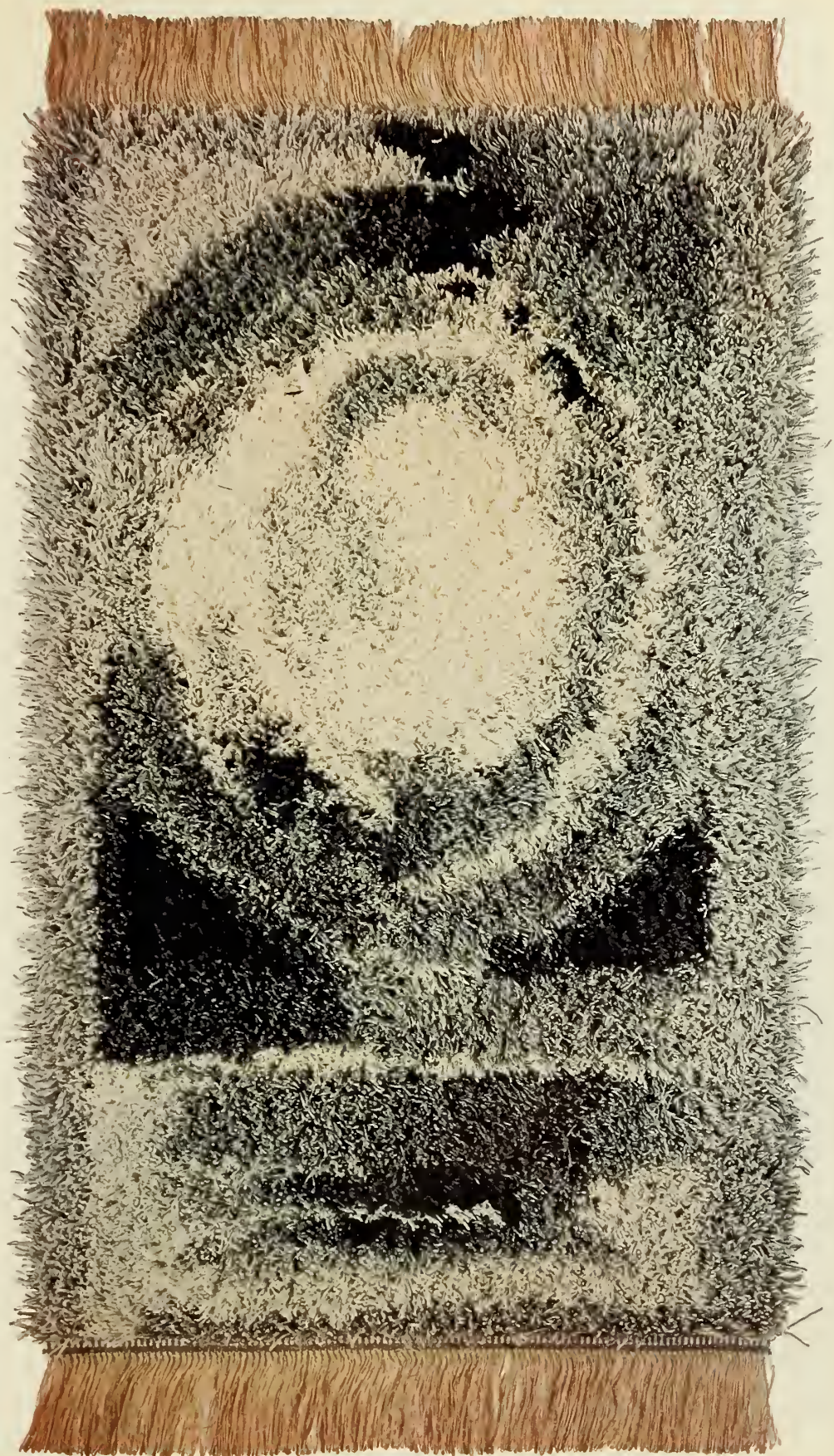
CUM 145, SOMALIA
Design Oili Mäki-Tirkkonen

Storrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc





PURE NEW WOOL



CUM 99, GLASVÆRK

Design Arne L. Hansen

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm

Luvlængde	2 og 4 cm
Florlængde	2 und 4 cm

Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft

Pile	¾ and 1½ inc
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CUM 140, TIBET, RØD
Design Gilbert Marklund

Størrelser 60 x 120 cm
Größen 80 x 130 cm
100 x 150 cm
120 x 180 cm
150 x 200 cm
200 x 300 cm

Luflængde 2 og 4 cm
Florlänge 2 und 4 cm

Sizes 2 ft x 4 ft
2 ft 8 inc x 4 ft 4 inc
3 ft 4 inc x 5 ft
4 ft x 6 ft
5 ft x 6 ft 9 inc
6 ft 9 inc x 10 ft

Pile ¾ and 1½ inc



CUM 140, TIBET, GRÖN

Design Gilbert Marklund

Storrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm

Luvlängde	2 og 4 cm
Florlänge	2 und 4 cm

Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft

Pile	¾ and 1½ inc
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ENSFARVEDE RYATÆPPER
PLAINCOLORED RYA RUGS
EINFARBIGE RYATEPPICHE

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft x 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc

Fås i 147 farver efter ønske.
Indsend venligst farveprøve.

Available in 147 colors as you require.
Please, submit colorsample.

Lieferbar in 147 Farben nach Wunsch.
Bitte, Farbprobe einsenden.



CUM 146, PRISMA
Design Airi Snellman-Hänninen

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc



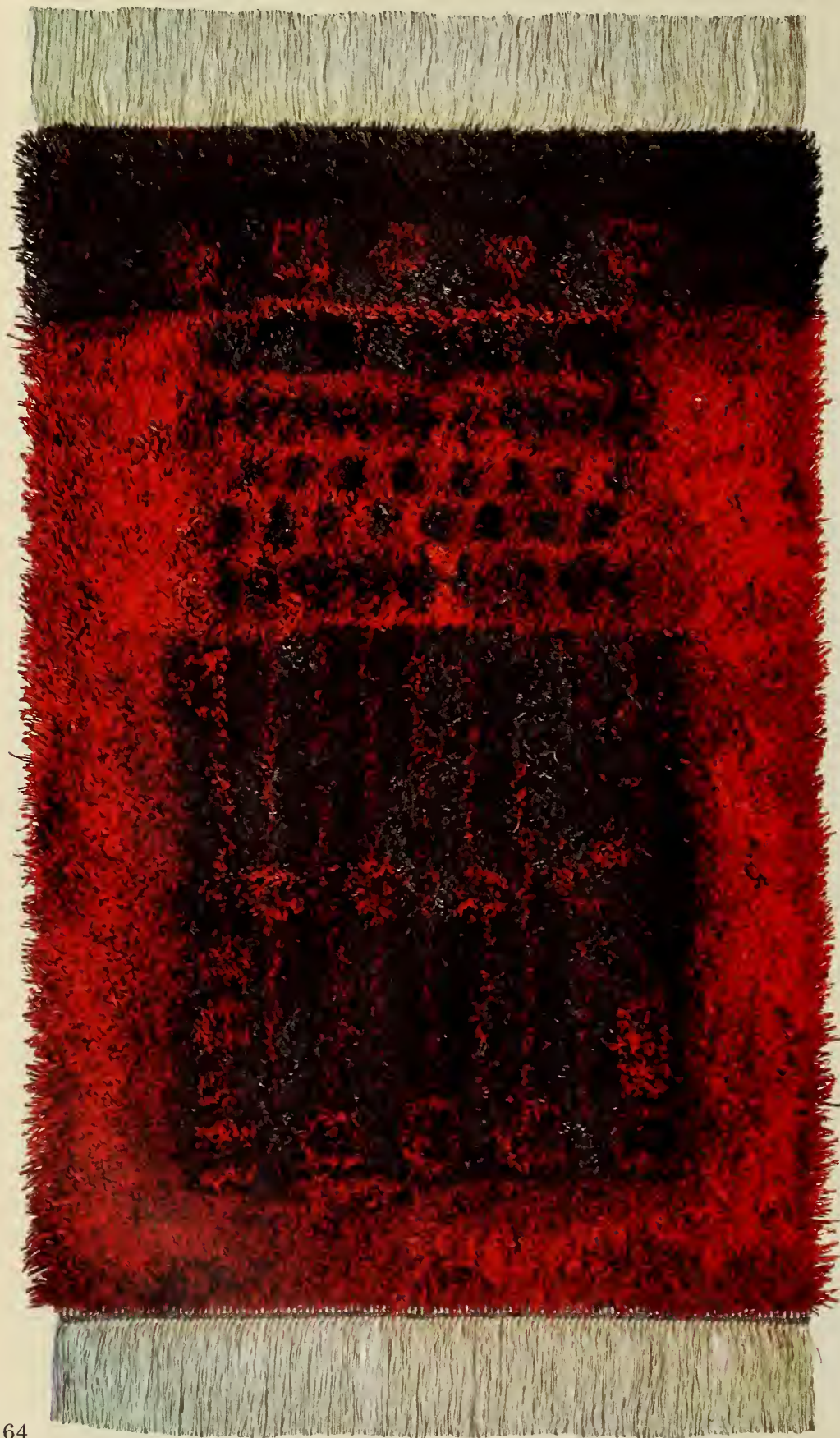
►
CUM 144, TABASCO
Design Lilli Kollin

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc

◄
CUM 148, DANMARK
Design Jette Thyssen

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc





CUM 113, TUNIS
Design Irja Mikkola

Størrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm

Luvlængde	2 og 4 cm
Florlänge	2 und 4 cm

Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft

Pile	¾ and 1½ inc
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CUM 89, 1001 NAT, ROD
Design Jette Thyssen

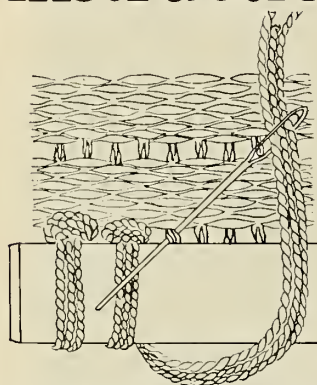
Størrelser 60 x 120 cm
Größen 80 x 130 cm
100 x 150 cm
120 x 180 cm
150 x 200 cm
200 x 300 cm

Luvlængde 2 og 4 cm
Florlänge 2 und 4 cm

Sizes 2 ft x 4 ft
2 ft 8 inc x 4 ft 4 inc
3 ft 4 inc x 5 ft
4 ft x 6 ft
5 ft x 6 ft 9 inc
6 ft 9 inc x 10 ft

Pile ¾ and 1½ inc

instructions



I Til hver knude hører to trådgrupper i ryabundens hulrækker. Man begynder altid i venstre side af en hulrække med den yderste trådgruppe, første række nederst til venstre. Nålen stikkes altid ind fra højre til venstre under første trådgruppe. I stedet for at trække ind mod sig selv er det lettere at trække godt til venstre, ikke for stramt om linealen.

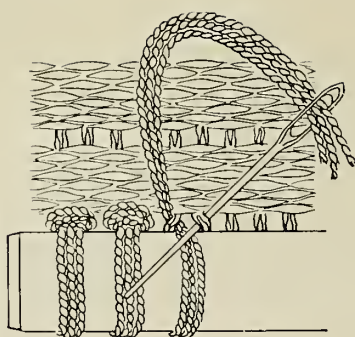
HUSK: På tæpper begynder De altid i den ende af bunden, hvor kantborten er bredest!

Each knot is sewn over two of the groups of threads marking the holes in the RYA material. You always start at the extreme left of a row, i.e. first row from the bottom of the design. Carry your needle from right to left under the first group of threads. Instead of pulling towards yourself, it is easier to pull well to the left, taking care not to tighten the loop too hard around the ruler.

N.B.: On rugs you always begin, where the woven border has been made wider.

Zu jedem Knoten gehören 2 Fadengruppen in den Lochreihen des Rya-Bodens. Man beginnt immer an der linken Seite einer Reihe mit der äussersten Fadengruppe, also die erste Reihe links unten auf der Zeichnung. Die Nadel wird immer von rechts nach links unter der ersten Fadengruppe eingestochen, und anstatt sie gegen sich selbst zu ziehen, ist es leichter, sie gut nach links zu ziehen, doch nicht allzu stramm um das Knüpfstäbchen.

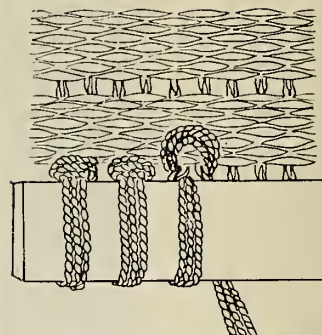
ACHTUNG: Bei Teppichen fangen Sie immer an dem Ende des Rya-Bodens an, wo die Kante mit Rücksicht auf die Knoten der ersten Reihe am breitesten gewebt ist.



2 Andet sting også fra højre til venstre under anden trådgruppe. Garnet trækkes omtrent til, svinges derefter ind under linealen, idet knuden lukkes, blot ikke for hårdt. Første knude i rækken sys uden lineal, derefter lægges linealen langs hulrækken, så man har denne ind mod sig selv som vist på tegningen.

Second stitch under the second group of threads, also from right to left. Pull the yarn almost tight. Then turn it under the ruler while tightening the knot which must not be pulled too hard. The first knot in each row is sewn without the ruler which is then placed along the row of holes.

Der zweite Einstich erfolgt ebenfalls von rechts nach links unter der nächsten Fadengruppe. Das Garn ist fast ganz anzuziehen und wird danach unter das Stäbchen geschlungen. Dadurch wird der Knoten geschlossen, doch bitte nicht zu fest anziehen. Der erste Knoten in der Reihe wird ohne Stäbchen geknüpft, danach legt man das Stäbchen entlang der Lochreihe in der Richtung zu sich an. Siehe Zeichnung!



3 Når De har knyttet så langt et stykke, at linealen omtrent er dækket, klippes løkkerne op et stykke ad gangen, ca. 4-6 cm, skiftevis på hver side af linealen, for på denne måde at få luven ujævn, og ikke taglagt i striber.

As the sewing proceeds the ruler is pushed to the right and pulled out when the row is finished. Thereafter the loops are cut with a pair of scissors, preferably somewhat unevenly to avoid distinct ridges in the pile.

Wenn das Stäbchen beinahe fertig geknüpft ist, wird eine Schlinge nach der anderen abwechselnd von jeder Seite ca. 4-6 cm weise aufgeschnitten. Dadurch werden die Garnbüschel etwas unregelmässiglang, was die Bildung von Rippen im Flor vermeidet.



0cm



CUM RYA

- 1
- 2
- 3



CUM 147, HULDAS HEST
Design Henry Heerup

Størrelser 80 x 130 cm
Größen 80 x 130 cm

Luvlængde 2 og 4 cm

Florlänge 2 und 4 cm

Sizes 2 ft 8 inc x 4 ft 4 inc

Pile ¾ and 1½ inc



CUM 141, TANG
Design Rikke Bülow

Storrelser	60 x 120 cm
Größen	80 x 130 cm
	100 x 150 cm
	120 x 180 cm
	150 x 200 cm
	200 x 300 cm
Luftlængde	2 og 4 cm
Florlængde	2 und 4 cm
Sizes	2 ft x 4 ft
	2 ft 8 inc x 4 ft 4 inc
	3 ft 4 inc x 5 ft
	4 ft x 6 ft
	5 ft x 6 ft 9 inc
	6 ft 9 inc x 10 ft
Pile	¾ and 1½ inc



KNYT EN CUM RYA — EN HOBBY FOR HELE FAMILIEN
MAKE A CUM RYA — AND MAKE IT A HOBBY FOR YOU AND YOUR FAMILY
KNÜPFEN SIE EINEN CUM RYA — EIN HOBBY FÜR DIE GANZE FAMILIE

the CUM family:

ALABAMA
Owl and Olive Weavers
P.O. Box 3465
Birmingham
Ala. 35205,
Stocks: Partial M-A-G-H

ALASKA
Northern Fleece
6721-A, E. 8th Avenue
Anchorage
Alaska 90504,
Stocks: Partial 2/7-M-A-H-W

ARIZONA
Open Studio Gift Shoppe
2458 North Pantano Road
Tucson
Arizona 85715
Stocks: Partial 2/7-A-C1-G-H

The Pendleton Shop
Jordan Road, Sedona,
Arizona 86336,
Stocks: Complete N
Partial 2/7-M-A-C1-C-W-H

CALIFORNIA
B. Anderson Design Studio
1028-1030 Mission Street
South Pasadena
California 91030,
Stocks: Partial M-H

The Beginnings
3449 Mission Avenue
Carmichael,
California 95608
Stocks: Partial 2/7-M-A-C1-H

The Camel
935 G
Arcata
California 95521,
Stocks: Partial A-C1

Dharma Trading Co.
1952, University Ave
Berkeley
California 94701
Stocks: Complete 2/7-M-C1-H-A

The Handweaver
460 First Street East Sonoma
California 95476
Stocks: Complete 2/7-M-C1-H-A-N

The Hidden Village
215 Yale Ave.
Claremont,
California 91711,
Stocks: Partial C1-G
Complete 2/7-M-A-H-N

Naturalcraft
2199 Bancroft Way, Berkeley,
California 94704,
Stocks: Complete M-H

The Rug Hut
6 University Avenue
Los Gatos,
California 95030
Stocks: Partial 2/7-M-H

The Sheep Village
2005 Bridgeway, Sausalito,
California 94965,
Stocks: Partial M-G

The Shop
Highway 49, P.O. Box 133
Amador City
California 95601,
Stocks: Partial 2/7-M-A-H

Textile Crafts
3127 Los Feliz Bl.
California 90039
Stocks: Partial M-A-C-H

Three Bags Full
1035 Guerrero St.,
San Francisco,
California 94110
Stocks: Partial H
Complete M

Valley Handweaving Supply
200 West Olive, Fresno,
California 93728,
Stocks: Complete N
Partial M-A-H

Warp-Wool Potpourri
514 N. Lake Avenue,
Pasadena,
California,
Stocks: Partial M-A-H

The Weaving Depot
2701 Sepulveda Blvd.
Manhattan Beach
California 90266,
Stocks: Partial M-A-C1-H

Yarn & Weavers Things
1250 Howe Avenue
Sacramento
California,
Stocks: Partial 2/7-M-G-H-W

COLORADO
Greentree Ranch
163, N. Carter Lake Road
Colorado 80537
Stocks: Complete 2/7-M-A-C1-
H-W-5,5-N

The Weaver's Place
12490 Black Forest Road
Colorado Springs,
Colorado 80537
Stocks: Complete
2/7-M-A-C1-H-W-5,5-N

CONNECTICUT
Yarn Emporium
54 Crown Street
New Haven
Conn. 06510
Stocks: Partial 2/7-M-A-C1

IDAHO
Christine Blake
1206 North Wilson St.
Boise
Idaho 83704
Stocks: Complete C1-N
Partial 2/7-M-A-H-W-C

ILLINOIS
Looms & Lessons
6014 Osage Avenue,
Downers Grove,
Illinois 60515,
Stocks: Complete N
Partial M-A-C1-G-H

INDIANA
Craft Kaleidoscope
6551 Ferguson St.
Indianapolis,
Indiana 46220,
Stocks: Complete 2/7-A-C1-N
Partial H

IOWA
The Weaving Studio
812 S. Summit Street,
Iowa City, Iowa, 52240
Stocks: Partial 2/7-M-A-C-H

KANSAS
The Yarn Corner
9633 A Metcalf
Metcalf South Shopping
Center
Lower East Mall
Overland Park
Kansas 66212,
Stocks: Partial 2/7-M-C1-H

MAINE
Yankee Yarns Inc.
47 Pleasant St.
Brunswick
Maine 04011,
Stocks: Complete N
Partial 2/7-H-5,5

MARYLAND
The Weaver's Place
2137 Gwynn Oak Avenue,
Baltimore,
Maryland 21207,
Stocks:
Complete 2/7-M-A-C1-H-W

MASSACHUSETTS
Earth Guild, Inc.
149 Putman Avenue, Cambridge
Massachusetts 02139
Stocks: Complete 2/7-M-A-C1-
N-H

Earthwares Weaving Supplies
159 North Pleasant Street
Amherst
Mass. 01002,
Stocks: Complete 2/7-H-A-N-M

MICHIGAN
Davidson's Old Mill Yarn
109 Elizabeth Street,
Eaton Rapids,
Michigan 48827
Stocks: Partial A
Complete 2/7-M-C1-H-N

Needles and Knots
20311 Mack Avenue,
Grosse Pointe Woods,
Michigan 48236,
Stocks: Complete N
Partial M-A-C1

MINNESOTA
The Yarnery, KMK Crafts, Inc.
1648 Grand Avenue, St. Paul,
Minnesota 55106,
Stocks: Complete
2/7-M-A-C1-H-W-N-C

MISSOURI
Essays Studio
8725 Big Bend
St. Louis
Missouri 63119,
Stocks: Complete
2/7-M-A-C1-H-W-N

Crown Center Textile Gallery
2450 Grand Avenue, WV 145
Kansas City
Missouri 64108
Stocks: Partial M-A

NEW YORK
School Products Co. Inc.
312 East 23rd Street,
New York, N.Y. 10010,
Stocks: Complete 2/7-M-A-
C1-G-H-W-5,5-N

NORTH DAKOTA
Ann Gerdes
1028 1/2 Broadway, Apt. 6
Fargo,
North Dakota 58102
Stocks: Complete 2/7-A-M-H

OHIO
Fancy Threads
413 Portage Trail
Cuyahoga Falls
Ohio 44221
Stocks: Partial H
2/7-M-A-C1-H

Yellow Springs Strings, Inc
U.S. Route 68,
Goes Station, Yellow Springs,
Ohio 45387,
Stocks: Complete 2/7-M-A-C1-
H-W-5,5-N

OREGON
Arachne Webworks
2390 N.W. Thurman
Portland
Oregon 97210
Stocks: Partial
2/7-M-A-C1-H-W

Black Sheep Weaving and
Craft Supply
315 SW 3rd Street, Corvallis,
Oregon, 97330,
Stocks: Complete 2/7-M-A-
C1-G-H-W-5,5-N

Eugene Fibre
1157 High Street, Eugene,
Oregon 97401,
Stocks: Partial M-C1

PENNSYLVANIA
The Fringe & Frame
732 Filbert Street
Pittsburgh PA 15232,
Stocks: Partial H-M-A

Lenos Handcrafts
2037 Walnut Street
Phila., Penna. 19103,
Stocks: Complete N
Partial M-H-5,5

The Mannings Creative Crafts,
R.D.2, East Berlin,
Pennsylvania 17316,
Stocks: Partial M-C1-G-H

TEXAS
Las Manos Inc.
12215 Coit Road
Dallas
Texas 75240,
Stocks: Complete N
Partial A-H

UTAH
Intertwine
217 Trolley Square
Salt Lake City,
Utah, 84102,
Stocks: Complete N
Partial C1-H

VERMONT
L.J. Serkin Co.
14, Elliot Street
Brattleboro
Vermont 05301,
Stocks: Complete 2/7-
M-C1-H

WASHINGTON
Magnolia Weaving
2635 29th Avenue West,
Seattle,
Washington 98199
Stocks: Complete 2/7-
M-A Partial C

Phalice's Thread Web
W. 1301 14th Avenue
Spokane
Washington 99204,
Stocks: Complete M-A

WISCONSIN
The Wool Works
1625 E. Irving Place,
Milwaukee,
Wisconsin 53202,
Stocks: Partial M-H

CANADA
The Camas Shop
Galiano Island, B.C.
Stocks: Complete H

Charles E. Billard Ltee
1579 Rue St-Denis St.
Montreal 129
Stocks: Complete M Partial H

Craft Cottage
4485 Dunbar Street
Vancouver B.C.,
Stocks: Complete M-H
Partial 2/7-C1

Gina Brown
Needlecraft Studio, Ltd.
1309 17th Avenue S.W.
Calgary 3, Alberta,
Stocks: Complete N
Partial M-C1-H

Nostalgia Craft Supplies
5739 Granville St.
Vancouver 14 B.C.
Stocks: Partial M-H

Mathom House
Box 227 - Henry Ave.
Summerland B.C.,
Stocks: Complete H-N
Partial M

Northwest Handcraft
House Ltd.
110 West Esplanade,
North Vancouver,
B.C.
Stocks: Partial M-A-G-H

La Quenouille
2316 Chemin des Foulons
Sillery, Quebec
Stocks: Complete M-H

Tika Woolcraft Ltd.
11023-127th Street
Edmonton, Alberta
Stocks: Complete N
Partial M-C1-H

Westmount Weavery Ltd.
50, Westmount Rd. North
Waterloo
Ontario
Stocks: Partial M-C-H

UNITED KINGDOM
Hobby Horse Ltd.
15-17 Langton Street
London S.W. 10
England
Stocks: Complete
2/7-M-W-C-H-C1

The Weavers Workshop Ltd.
Monteith House
The Royal Mile
Edinburgh EH1 1SR
Scotland
Stocks: Complete
H-C1-M-W-C-2/7

AUSTRALIA
Inglesby Cottage Workshop
Box 159
Toronto 2283
NSW Australia
Stocks: Partial 5,5-2/7

KEY		
CUM wool 2/7		2/7
CUM Asborya		A
CUM Mattyarn		M
CUM Cottolin 2/22		C 1
CUM Cotton 2/16		C
CUM Homespun		H
CUM Gobelin yarn 2/7		G
CUM Worsted yarn 2/20		W
CUM 1 ply wool 5.5		5,5
CUM Natyryarn		N

Any of the mentioned CUM dealers will be happy to give you any information about prices, terms of payment as well as all other information concerning CUM weaving yarns you may want!
You are also always welcome to write CUM in Copenhagen, however, it is no longer possible for us to accept direct orders.
CUM Textile Industries Ltd., 5, Roemersgade, DK-1362 Copenhagen K, Denmark

CUM YARNS AND THEIR USE

Name	Use	Quality	Yardage per lb.	Number of colors
CUM 2-ply wool 2/7	Afghans, scarfs, pillows, knitting	100% wool	1640 yds.	96
CUM 1-ply wool 5.5/1	Curtains, upholstery, dress material	100% wool	2710 yds.	75
CUM worsted yarn 20/2	Stoles, scarfs, fabrics, knitting	100% wool	4920 yds.	44
CUM matt yarn	Rugs, wallhangings, purses, tapestry	80% sheep wool 20% cowhair	620 yds.	78
CUM Asborya, 2-ply	Rya rugs (Flossa)	100% wool	570 yds.	141
CUM Homespun	Pillows, afghans, curtains, fabrics	effect wool	1510 yds.	37
CUM Gobelin 2/7	Upholstery, tapestry	100% wool	1780 yds.	51
CUM Cottolin 2/22	Cloths, place mats, dress material	50% cotton 50% linen	3200 yds.	39
CUM Linen 1/16 dyed	Cloths, place mats etc.	100% linen	4725 yds.	48
CUM Cotton 2/16	Cloths, aprons, dress material	100% cotton	5600 yds.	46

CUM also carry all rug warps in linen and cotton.

HOW TO ORDER CUM YARNS

It is quite easy. When you have decided what to weave write or phone, your closest CUM dealer (list of CUM dealers page 71) and order the yarn in question. As CUM dealers always carry stock of yarn you will in a few days receive the yarn wanted so you can get started at once. Be sure to state quantity and color numbers.

If you want to make your own color-choice, just ask your CUM dealer to mail you shade-cards of the yarn qualities wanted. All colors have a number and when ordering CUM yarn you only have to state quantity and color number to your CUM dealer.

You may also want to weave one of the rya designs on your own loom. In that case you are welcome to order Asborya yarn without backing from your CUM dealer, but remember also to order rug warp (CUM linen rug warp 2/8) and CUM yarn for the filling (weft).

in case you would like to make your own Rya design please contact your CUM dealer who will assist you in any way.

Finally we should like to inform you that you are welcome to send for the large CUM SAMPLE BOOK containing the widest selection of handweaving yarns in Scandinavia. The price is \$ 5 per book. If you find you have a need for a complete selection of all CUM qualities please write and enclose \$ 5 to

CUM TEXTILE INDUSTRIES LTD.

5, Rømersgade
1362 Copenhagen K
Denmark



WHY CUM YARNS?

- CUM yarns are specially made for handweavers
- CUM has handweaving yarns for any purpose
- CUM has a large selection of yarn — 783 different colors
- CUM customers will always benefit from CUM's long experience in handweaving
- CUM yarns are always of high quality

CUM

TEXTILE INDUSTRIES LTD.

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